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## FAX TRANSMISSION

DATE:	June 18, 2007
PTO IDENTIFIER:	Application Number 10/644,344-Conf. #5867 Patent Number 7,149,762
Inventor:	Alexander T. Garthwaite
MESSAGE TO:	US Patent and Trademark Office
FAX NUMBER:	(571) 273-8300
FROM:	OSHA · LIANG LLP Robert P. Lord
PHONE:	(713) 228-8600
Attorney	Dkt #: 33226/943001; P8228
PAGES (Including Cover Sheet):	27
CONTENTS:	Transmittal (1 page) Transmittal Letter (2 pages) Revocation and Substitute POA Under 37 CFR § 1.36 with attached Appendix A (22 pages) Certificate of Transmission (1 page)
<p>If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (713) 228-8600 and send the original transmission to us by return mail at the address below.</p> <p><b>This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited.</b></p> <p style="text-align: center;">OSHA · LIANG LLP 1221 McKinney St., Suite 2800, Houston, Texas 77010 Telephone: (713) 228-8600 Facsimile: (713) 228-8778</p>	

PTO/SB/21 (04-07)

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## TRANSMITTAL FORM

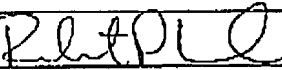
(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission	26	Attorney Docket Number	33226/943001; P8228
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### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Transmittal Letter (2 pages) Certificate of Transmission (1 page)
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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	OSHA - LIANG LLP		
Signature			
Printed name	Robert P. Lord		
Date	June 18, 2007	Reg. No.	46,479

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Docket No.: 33226/943001; P8228  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Letters Patent of:  
Alexander T. Garthwaite

Patent No.: 7,149,762

Issued: December 12, 2006

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For: HANDLING FUTILE COLLECTIONS IN THE  
TRAIN ALGORITHM THROUGH SELECTIVE  
EXTENSION OF COLLECTION SET

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**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed are the following items for filing in connection with the above-referenced Patent:

1. Transmittal (1 page);
2. Revocation and Substitute POA under 37 CFR §1.36 with attached Appendix A (22 pages); and
3. Certificate of Transmission (1 page).

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in

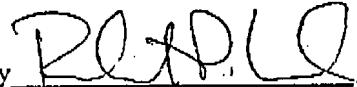
Application No.: 10/644,344

Docket No.: 33226/943001; P8228

this application by this firm) to our Deposit Account No. 50-0591, under Order No. 33226/943001; P8228. A duplicate copy of this paper is enclosed.

Dated: June 18, 2007

Respectfully submitted,

By 

Robert P. Lord  
Registration No.: 46,479  
OSHA · LIANG LLP  
1221 McKinney St., Suite 2800  
Houston, Texas 77010  
(713) 228-8600

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JUN 18 2007

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Name of Applicant and Assignee: SUN MICROSYSTEMS, INC.  
Address of Applicant and Assignee: 4150 Network Circle  
Santa Clara, CA 95054

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**REVOCATION AND SUBSTITUTION  
OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36**

Dear Sir:

Pursuant to 37 C.F.R. §1.36, Sun Microsystems, Inc., the applicant and assignee of the patent applications listed on the attached APPENDIX A, revokes all previous powers of attorney in the patent applications listed on the attached APPENDIX A, hereby appoints the following attorneys and/or agents assigned to the Customer Number listed below to prosecute the patent applications listed on the attached APPENDIX A, and to transact all business in the U.S. Patent and Trademark Office connected therewith:

32615  
Customer Number 32615 PATENT TRADEMARK OFFICE

Please direct all correspondence and telephone calls concerning the patent applications listed on the attached APPENDIX A to:

Robert P. Lord  
OSHA • LIANG LLP  
1221 McKinney Street, Suite 2800  
Houston, Texas 77010  
Telephone No.: (713) 228-8600  
Facsimile No.: (713) 228-8778

Further, please change the attorney/docket number corresponding to the patent applications listed in APPENDIX A from the attorney/docket number on file to that indicated on APPENDIX A.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified applicant.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the sixteen patent applications listed on the attached APPENDIX A or any patents issuing thereon.

Signature: Joseph A. Twarowski Dated: Dec. 20, 2006  
Name: Joseph A. Twarowski  
Title: Assistant General Counsel  
Sun Microsystems, Inc.

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## APPENDIX A

1. Patent Application/Serial No.: 10/799,049

Title: GARBAGE-FIRST GARBAGE  
COLLECTION

Filed: 3/12/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 015079/0946

Reference No: 33226/940001; SUN040074

2. Patent Application/Serial No.: 10/080,135

Title: METHOD AND APPARATUS FOR  
SPECULATIVE ARBITRATION

Filed: 2/21/2002

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 012623/0569

Reference No: 33226/944001; P6999

3. Patent Application/Serial No.: 08/412,157

Patent No.: 5,572,666

Title: SYSTEM AND METHOD FOR  
GENERATING PSEUDO-RANDOM  
INSTRUCTIONS FOR DESIGN  
VERIFICATION

Filed: 3/28/1995

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 007474/0344

Reference No: 33226/924001; P0567

4. Patent Application/Serial No.: 10/394,813

Title: ELISION OF WRITE BARRIERS FOR STORES WHOES VALUES ARE IN CLOSE PROXIMITY

Filed: 3/21/2003

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 013905/0661

Reference No: 33227/023001; P7479

5. Patent Application/Serial No.: 10/644,344

Patent No.: 7,149,762

Title: HANDLING FUTILE COLLECTIONS IN THE TRAIN ALGORITHM THROUGH SELECTIVE EXTENSION OF THE COLLECTION SET

Filed: 8/20/2003

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 014415/0840

Reference No: 33226/943001; P8228

6. Patent Application/Serial No.: 09/551,113

Title: CONCURRENT SHARED OBJECT IMPLEMENTED USING A LINKED-LIST WITH AMORTIZED NODE ALLOCATION

Filed: 4/18/2000

Applicant: Sun Microsystems, Inc.

Reference No: 33226/960000; P4665

7. Patent Application/Serial No.: 10/664,799  
Title: BLINDED ENCRYPTION AND DECRYPTION  
Filed: 9/18/2003  
Applicant: Sun Microsystems, Inc.  
Reference No: 33227/009001

8. Patent Application/Serial No.: 10/313,878  
Patent No.: 7,143,124  
Title: DECTION OF DEAD REGIONS DURING INCREMENTAL COLLECTION  
Filed: 12/6/2002  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 013559/0709  
Reference No: 33226/977001; P8275

9. Patent Application/Serial No.: 09/893,264  
Patent No.: 7,159,215  
Title: TERMINATION DETECTION FOR SHARED-MEMORY PARALLEL PROGRAMS  
Filed: 6/27/2001  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 011943/0073  
Reference No: 33226/939001; P5221

**10. Patent Application/Serial No.:** 10/372,905

**Patent No.:** 7,146,390

**Title:** STAGING THE PROCESSING OF REMEMBERED-SET ENTRIES AS PART OF COLLECTION BASED ON THE TRAIN ALGORITHM

**Filed:** 2/24/2003

**Applicant:** Sun Microsystems, Inc.

**Reference No:** 33226/942001; P8234

**11. Patent Application/Serial No.:** 60/357,191

**Title:** TECHNIQUES FOR DELEGATION OF MAIN-MEMORY RESIDENT OBJECTS AND MULTI-LEVEL UNDO

**Filed:** 2/15/2002

**Applicant:** Sun Microsystems, Inc.

**Reference No:** 33226/945001; P7499 PROV

**12. Patent Application/Serial No.:** 10/375,414

**Title:** NUMBERING SEQUENCES OF CARS WITH THE SAME NUMBER IN A GENERATION MANAGED BY THE TRAIN ALGORITHM

**Filed:** 2/27/2003

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 013822/0191

**Reference No:** 33226/973001; P8223

**13. Patent Application/Serial No.:** 10/295,280

**Patent No.:** 7,188,129

**Title:** MERGING TRAINS IN A COLLECTOR  
BASED ON THE TRAIN ALGORITHM

**Filed:** 11/15/2002

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 013499/0754

**Reference No:** 33226/969001; P7861

**14. Patent Application/Serial No.:** 60/177,089

**Title:** MAINTAINING A DOUBLE-ENDED  
QUEUE IN A CONTIGUOUS ARRAY  
WITH CONCURRENT NON-  
BLOCKING INSERT AND REMOVE  
OPERATIONS USING A DOUBLE  
COMPARE-AND-SWP PRIMITIVE

**Filed:** 1/20/2000

**Applicant:** Sun Microsystems, Inc.

**Reference No:** 33226/959001; P4663 PROV

**15. Patent Application/Serial No.:** 09/547,288

**Title:** MAINTAINING A DOUBLE-ENDED  
QUEUE IN A CONTIGUOUS ARRAY  
WITH CONCURRENT NON-  
BLOCKING INSERT AND REMOVE  
OPERATIONS USING A DOUBLE  
COMPARE-AND-SWP PRIMITIVE

**Filed:** 4/11/2000

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 010712/0617

**Reference No:** 33226/959002; P4663

**16. Patent Application/Serial No.:** 09/229,272

**Patent No.:** 6,842,853

**Title:** THREAD SUSPENSION SYSTEM AND METHOD

**Filed:** 1/13/1999

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 009722/0724

**Reference No:** 33226/955001; P2927

**17. Patent Application/Serial No.:** 10/861,704

**Title:** THREAD SUSPENSION SYSTEM AND METHOD

**Filed:** 6/4/2004

**Applicant:** Sun Microsystems, Inc.

**Reference No:** 33226/955002; P2927 C

**18. Patent Application/Serial No.:** 09/454,427

**Title:** DYNAMIC EMBEDDING OF LITERAL OBJECT DATA IN SUPPLIED INSTANCE OF INFORMATION OBJECT

**Filed:** 12/3/1999

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 010448/0577

**Reference No:** 33226/956001; P3916

- 19. Patent Application/Serial No.:** 09/377,349  
**Patent No.:** 6,434,576  
**Title:** POPULAR OBJECT HANDLING IN A TRAIN-ALGORITHM-BASED GARBAGE COLLECTOR  
**Filed:** 8/19/1999  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 010189/0681  
**Reference No:** 33226/957001; P4080
- 20. Patent Application/Serial No.:** 09/377,555  
**Patent No.:** 6,185,581  
**Title:** TRAIN-ALGORITHM-BASED GARBAGE COLLECTOR EMPLOYING FIXED-SIZE REMEMBERED SETS  
**Filed:** 8/19/1999  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 010189/0633  
**Reference No:** 33226/958001; P4293
- 21. Patent Application/Serial No.:** 09/829,207  
**Patent No.:** 6,880,071  
**Title:** SELECTIVE SIGNALING OF LATER RESERVE LOCATION MEMORY FAULT IN COMPOUND COMPARE-AND-SWAP  
**Filed:** 4/9/2001  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 011695/0534  
**Reference No:** 33226/962001; P4667

**22. Patent Application/Serial No.:** 11/099,720

**Title:** SEQUENTIALLY PERFORMED  
COMPARE-AND-SWAP

**Filed:** 4/6/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016661/0899

**Reference No:** 33226/962002; P4667-US-DIV-1

**23. Patent Application/Serial No.:** 09/710,218

**Patent No.:** 7,117,502

**Title:** LINKED-LIST IMPLEMENTATION OF  
DATA STRUCTURE WITH  
CONCURRENT NON-BLOCKING  
INSERT AND REMOVE OPERATIONS

**Filed:** 11/10/2000

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 011305/0889

**Reference No:** 33226/963001; P4896

**24. Patent Application/Serial No.:** 10/996,508

**Title:** WORK-STEALING QUEUES FOR  
PARALLEL GARBAGE COLLECTION

**Filed:** 11/23/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 011270/0285

**Reference No:** 33226/964002; P4946C1

**25. Patent Application/Serial No.:** 60/204,184

**Title:** PARALLEL GARBAGE COLLECTION  
FOR SHARED MEMORY  
MULTIPROCESSORS

**Filed:** 5/15/2000

**Applicant:** Sun Microsystems, Inc.

**Reference No:** 33226/964000; P4948

**26. Patent Application/Serial No.:** 09/697,729

**Patent No.:** 6,823,351

**Title:** WORK-STEALING QUEUES FOR  
PARALLEL GARBAGE COLLECTION

**Filed:** 10/26/2000

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 011270/0285

**Reference No:** 33226/964001; P4946

**27. Patent Application/Serial No.:** 09/893,256

**Patent No.:** 7,103,887

**Title:** LOAD-BALANCING QUEUES  
EMPLOYING LIFO/FIFO WORK  
STEALING

**Filed:** 6/27/2001

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 011943/0085

**Reference No:** 33226/966001; P5388

**28. Patent Application/Serial No.:** 10/166,874**Title:** PREFETCHING TECHNIQUES FOR NETWORK INTERFACES**Filed:** 6/11/2002**Applicant:** Sun Microsystems, Inc.**Reel/Frame No.:** 013001/0641**Reference No:** 33226/967001; P7322**29. Patent Application/Serial No.:** 10/679,183**Title:** DEFERRING AND COMBINING WRITE BARRIERS FOR A GARBAGE-COLLECTED HEAP**Filed:** 10/3/2003**Applicant:** Sun Microsystems, Inc.**Reel/Frame No.:** 014590/0742**Reference No:** 33226/971001; P7863**30. Patent Application/Serial No.:** 10/653,828**Title:** SHARED SYNCHRONIZED SKIP-LIST DATA STRUCTURE AND TECHNIQUE EMPLOYING LINEARIZABLE OPERATIONS**Filed:** 9/3/2003**Applicant:** Sun Microsystems, Inc.**Reel/Frame No.:** 014483/0341**Reference No:** 33226/972001; P7982

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**31. Patent Application/Serial No.:** 10/991,148

**Title:** USE OF MEMORY PROTECTION TO IMPLEMENT REPLICATING COLLECTION IN A INCREMENTAL, COPYING GARBAGE COLLECTOR

**Filed:** 11/17/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016007/0616

**Reference No:** 33226/974001; P8226

**32. Patent Application/Serial No.:** 10/881,101

**Title:** USING CLASS PROPERTIES TO DEGREGATE OBJECTS IN A GENERATION MANAGED BY THE TRAIN ALGORITHM

**Filed:** 6/30/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 015539/0072

**Reference No:** 33226/975001; P8231

**33. Patent Application/Serial No.:** 11/021,287

**Title:** METHOD AND APPARATUS FOR FORWARDING REFERENCES TO OBJECTS CONCURRENTLY WITH SPACE-INCREMENTAL GARBAGE COLLECTION

**Filed:** 12/23/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 015627/0335

**Reference No:** 33226/976001; P8274

**34. Patent Application/Serial No.:** 10/313,878

**Patent No.:** 7,143,124

**Title:** DETECTION OF DEAD REGIONS  
DURING INCREMENTAL  
COLLECTION

**Filed:** 12/6/2002

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 013559/0709

**Reference No:** 33226/977001; P8275

**35. Patent Application/Serial No.:** 10/930,483

**Title:** IMPROVED SCANNING OF  
EVACUATED OBJECTS IN A  
GENERATION MANAGED BY THE  
TRAIN ALGORITHM

**Filed:** 8/31/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 015782/0538

**Reference No:** 33226/978001; P8276

**36. Patent Application/Serial No.:** 10/391,405

**Title:** PARALLEL CACHING OF  
INSERTIONS INTO REMEMBERED  
SETS

**Filed:** 3/18/2003

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 013890/0128

**Reference No:** 33226/979001; P8303

**37. Patent Application/Serial No.: 11/131,827**

**Title:** METHOD AND APPARATUS FOR CONCURRENTLY PROCESSING REMEMBERED SETS IN A SPACE-INCREMENTAL GARBAGE COLLECTOR

**Filed:** 5/18/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016366/0209

**Reference No:** 33226/981001; P8317

**38. Patent Application/Serial No.: 10/309,503**

**Patent No.:** 7,136,887

**Title:** METHOD AND MECHANISM FOR FINDING REFERENCES IN A CARD IN TIME LINEAR IN THE SIZE OF THE CARD IN A GARBAGE-COLLECTED HEAP

**Filed:** 12/4/2002

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 013550/0405

**Reference No:** 33226/982001; P8318

**39. Patent Application/Serial No.: 10/799,186**

**Title:** EXPLOITING POPULAR OBJECTS TO REDUCE MUTATOR OVERHEAD

**Filed:** 3/12/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 015091/0736

**Reference No:** 33226/984001; SUN040081

**40. Patent Application/Serial No.:** 10/986,527

**Title:** EXPLOITING POPULAR OBJECTS TO  
REDUCE MUTATOR OVERHEAD

**Filed:** 11/11/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 015983/0321

**Reference No:** 33226/984002; SUN040081

**41. Patent Application/Serial No.:** 10/799,187

**Title:** CONCURRENT-MARKING-  
INITIATION HEURISTIC

**Filed:** 3/12/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 015095/0376

**Reference No:** 33226/983001; SUN040079

**42. Patent Application/Serial No.:** 10/986,401

**Title:** CONCURRENT-MARKING-  
INITIATION HEURISTIC

**Filed:** 11/11/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016020/0320

**Reference No:** 33226/983002; SUN040079-CIP

**43. Patent Application/Serial No.:** 11/090,398

**Title:** METHOD AND APPARATUS FOR SWITCHING BETWEEN PER-THREAD AND PER-PROCESSOR RESOURCE POOLS IN MULTI-THREADED PROGRAMS

**Filed:** 3/25/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016300/0319

**Reference No:** 33226/987001; SUN040951

**44. Patent Application/Serial No.:** 11/215,510

**Title:** METHOD AND APPARATUS FOR SELECTIVELY ELIMINATING WRITE BARRIERS IN SNAPSHOT-AT-THE-BEGINNING CONCURRENT-MARKING GARBAGE COLLECTORS

**Filed:** 8/30/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016542/0156

**Reference No:** 33226/989001; SUN041094

**45. Patent Application/Serial No.: 11/128,791**

**Title:** METHOD AND APPARATUS FOR REDUCING REMEMBERED SET OVERHEAD IN A GENERATIONAL GARBAGE COLLECTOR BY CONSTRAINING COLLECTION SET CHOICE

**Filed:** 5/13/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016336/0241

**Reference No:** 33226/990001; SUN041424

**46. Patent Application/Serial No.: 11/021,260**

**Title:** METHOD AND APPARATUS FOR ISOLATING SELECTED HEAP OBJECTS USING A FAULTING ADDRESS TRAP

**Filed:** 12/23/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 015627/0286

**Reference No:** 33226/991001; SUN041505

**47. Patent Application/Serial No.: 11/091,661**

**Title:** METHOD AND APPARATUS FOR IMPROVING PARALLEL MARKING GARBAGE COLLECTORS THAT USE EXTERNAL BITMAPS

**Filed:** 3/28/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016082/0276

**Reference No:** 33226/992001; SUN050023

**48. Patent Application/Serial No.:** 11/091,032

**Title:** METHOD AND APPARATUS FOR RECORDING MODIFIED REFERENCE LOCATIONS IN GARBAGE-COLLECTED HEAP MEMORY

**Filed:** 3/28/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016082/0191

**Reference No:** 33226/993001; SUN050025

**49. Patent Application/Serial No.:** 11/218,145

**Title:** METHOD AND APPARATUS FOR DYNAMICALLY PRE-TENURING OBJECTS IN A GENERATIONAL GARBAGE COLLECTION SYSTEM

**Filed:** 9/1/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016542/0121

**Reference No:** 33226/994001; SUN050202

**50. Patent Application/Serial No.:** 11/218,179

**Title:** METHOD AND APPARATUS FOR BYTE ALLOCATION ACCOUNTING IN A SYSTEM HAVING A MULTI-THREADED APPLICATION AND A GENERATIONAL GARBAGE COLLECTOR THAT DYNAMICALLY PRE-TENURES OBJECTS

**Filed:** 9/1/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016542/0109

**Reference No:** 33226/995001; SUN050203

**51. Patent Application/Serial No.:** 11/474,599

**Title:** APPARATUS AND METHOD FOR  
COORDINATED VIEWS OF  
CLUSTERED DATA

**Filed:** 6/26/2006

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 017917/0010

**Reference No:** 33226/996001; SUN050482

**52. Patent Application/Serial No.:** 11/477,021

**Title:** METHOD AND APPARATUS FOR  
SEARCHING AND RESOURCE  
DISCOVERY IN A DISTRIBUTED  
ENTERPRISE SYSTEM

**Filed:** 6/28/2006

**Applicant:** Sun Microsystems, Inc.

**Reference No:** 33226/997001; SUN050600

**53. Patent Application/Serial No.:** 11/413,641

**Title:** METHOD AND APPARATUS FOR  
BROWSING SEARCH RESULTS VIA A  
VIRTUAL FILE SYSTEM

**Filed:** 4/28/2006

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 017754/0711

**Reference No:** 33226/998001; SUN050633

**54. Patent Application/Serial No.:** 11/182,539

**Title:** METHOD AND APPARATUS FOR GENERATING MEDIA PLAYLISTS BY DEFINING PATHS THROUGH MEDIA SIMILARITY SPACE

**Filed:** 7/15/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016366/0563

**Reference No:** 33226/999001; SUN050732

**55. Patent Application/Serial No.:** 10/800,363

**Title:** MIXING COPYING COLLECTION AND CONCURRENT MARKING

**Filed:** 3/12/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 015983/0314

**Reference No:** 33226/938000; SUN040073

**56. Patent Application/Serial No.:** 09/837,669

**Patent No.:** 7,017,160

**Title:** CONCURRENT SHARED OBJECT IMPLEMENTED USING A LINKED-LIST WITH AMORTIZED NODE ALLOCATION

**Filed:** 4/18/2001

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 011734/0644

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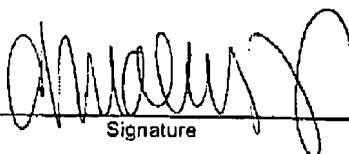
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Revocation and Substitute POA Under 37 CFR § 1.36 with attached Appendix A  
(22 pages)